Art Unit: 1712

In the Claims:

- 1. (currently amended) A thermoplastic molding composition comprising
- A) 40 to 99.5 parts by weight of at least one branched resin selected from a first group consisting of aromatic polycarbonate and polyestercarbonate wherein the structure of the branched resin contains at least one residue of a branching agent selected from a second group consisting of tri-functional phenolic monomer and tetra-functional phenolic monomer, said agent containing at least one functional amine group capable of polymerization, and
- B) 0.5 to 60 parts by weight of graft polymer containing a grafting shell and a grafting base, said grafting base being other than polybutadiene rubber, and
- C) at least one halogen-free, phosphorus-based flame-retardant comprising a compound according to formula

wherein:

 R^1 , R^2 , R^3 and R^4 , independently of each other mean, in each case, C_1 to C_8 -alkyl, C_5 to C_6 -cycloalkyl, in each case optionally substituted by alkyl;

each n, independently of each other, means 0 or 1; q is 0.5 to 30;

Art Unit: 1712

each m, independently of each other, means 0, 1, 2, 3 or 4;

R⁵ and R⁶, independently of each other, are C₁ to C₄-alkyl; and

Y is C_1 to C_7 -alkylidene, C_1 - C_7 -alkylene, C_5 to C_{12} -cycloalkylene, C_5 to C_{12} -cycloalkylidene, C_5 - C_7 -alkylene, C_7 -alkylen

wherein the structure of the branched resin contains at least one residue of a branching agent selected from a second group consisting of tri-functional phenolic monomer and tetra-functional phenolic monomer, said agent containing at least one functional amine group capable of polymerization.

- 2. (cancelled)
- 3. (original) The composition according to Claim 1, in which B is in particle form and is a product of emulsion polymerization.
- 4. (currently amended) The composition according to Claim 1 in which <u>the</u> grafting base is a member selected from the group consisting of EPDM rubbers, silicon rubbers, acrylate rubbers and silicon-acrylate composite rubbers.
- 5. (currently amended) The composition according to Claim 1, in which the grafting shell contains the polymerized mixture of 50 to 99 parts by weight relative to the grafting shell, of at least one member selected from the first group consisting of vinyl aromatics, core-substituted vinyl aromatics and (meth)acrylic acid-(C₁-C₈)-alkyl esters and 1 to 50 parts by weight relative to the grafting shell, of at least one member selected from the second group consisting of vinyl cyanides, (meth)acrylic acid-(C₁-C₈)-alkyl esters and

Art Unit: 1712

derivatives of unsaturated carboxylic acids with the proviso that said member of said first

group differs from said member of said second group.

6. (original) The composition according to Claim 1, in which B further contains a

free (co)polymer polymerized of at least one member selected from the group consisting

of vinyl aromatics, (meth)acrylic acid-(C₁-C₈)-alkyl esters, vinyl cyanides and derivatives

of unsaturated carboxylic acids.

7. (original) The composition according to Claim 1, in which the branching agent is

isatinbiscresol.

8. (original) The composition according to Claim 1, in which the branching agent

content of A is 0.01 to 5 mol.% in relation to the sum of diphenols and branching agents.

9. (original) The composition according to Claim 1, in which the branching agent

content of A is 0.1 to 0.5 mol.% in relation to the sum of diphenol and branching agent.

10. (original) The composition according to Claim 1, in which A has a relative

solution viscosity of 1.25 to 1.35, measured in CH₂Cl₂ as the solvent at 25°C and at a

concentration of 0.5 g/100 ml.

11. (cancelled)

12. (cancelled)

13. (cancelled)

4

Serial No. 10/725,210 Art Unit: 1712

14. (cancelled)

15. (cancelled)

16. (currently amended) The composition according to Claim [[13]] 1, in which q is

between 1 and 2.

17. (currently amended) The composition according to Claim [[11]] 1, additionally

containing an anti-dripping agent selected from the group consisting of fluorinated

polyolefins, silicons and aramide fibers.

18. (currently amended) The composition according to Claim [[11]] 1, in which the

flame-retardant is present in a positive quantity of up to 25 parts by weight in relation to

the total weight of A) and B) A and B.

19. (currently amended) The composition according to Claim 17 in which the anti-

dripping agent is present in a positive quantity of up to 0.5 parts by weight in relation to

the total weight of A) and B) A and B.

20. (original) The composition according to Claim 1 additionally containing at least

one polymer selected from the group consisting of polyester, polyphenylene oxide,

polyphenylene sulfide, epoxide, phenolic resin, novolak and polyether.

21. (previously presented) The composition according to Claim 1 additionally

containing at least one polymer additive selected from the group consisting of heat-

stabilizer, hydrolysis stabilizer, light stabilizer, flow agent, processing auxiliary agent,

mold lubricant, mold release agent, UV absorber, antioxidant, antistatic, preservative,

5

Art Unit: 1712

coupling agent, filler, reinforcing agent, dye, pigment, nucleation agent, foaming agent,

flame-retarding additive and smoke-reducing agent.

22. (original) A molded article comprising the composition of Claim 1.

23. (cancelled)

24. (currently amended) The composition of Claim 1 [[13]] wherein R¹, R², R³ and

R⁴ independently of each other is substituted by an alkyl group.

25. (currently amended) A thermoplastic molding composition[[s]] of Claim 1, further

comprising consisting of

A) 40 to 99.5 parts by weight of at least one branched resin selected from a

first group consisting of aromatic polycarbonate and polyestercarbonate and

B) 0.5 to 60 parts by weight of graft polymer containing a grafting shell and a

grafting base, said grafting base being other than polybutadiene rubber,

wherein the structure of the branched resin contains at least one residue of a branching

agent-selected from a second group consisting of tri-functional phenolic monomer and

tetra-functional phenolic monomer-said agent containing at least one functional amine

groups capable of polymerization, and

at least one polymer additive selected from the group consisting of heat-stabilizer,

hydrolysis stabilizer, light stabilizer, flow agent, processing auxiliary agent, mold

lubricant, mold release agent, UV absorber, antioxidant, antistatic, preservative, coupling

agent, filler, reinforcing agent, dye, pigment, nucleation agent, foaming agent, flame

retarding additive and smoke-reducing agent.

6